PTO/SB/05 (03-01)
Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

## UTILITY PATENT APPLICATION **TRANSMITTAL**

Attorney Docket No. First Inventor			Barnard.1514 Timothy L. Barnard						
			514040050440440						

(Only for new nonprovision	nal applications under 37 CFR 1.53(b))	Express	Mail Label No. E	<i>/</i> 3498	<u>534</u>	<u> 13 US</u>					
APPLICA	TION ELEMENTS	ADDRESS TO: Assistant Commissioner for Patents Box Patent Application									
	cerning utility patent application contents.	Washington, DC 20231									
1. Fee Transmittal For (Submit an original and a Applicant claims s	orm (e.g., PTO/SB/17) duplicate for fee processing) mall entity status	7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)									
2. See 37 CFR 1.27.	<u> </u>		Nucleotide and/or Amino Acid Sequence Submission     (if applicable, all necessary)								
3. Specification (preferred arrangement)		a. Computer Readable Form (CRF)									
- Descriptive title	of the invention e to Related Applications	b. S	b. Specification Sequence Listing on:								
<ul> <li>Statement Rega</li> </ul>	arding Fed sponsored R & D		i. D-ROM or CD-R (2 copies); or								
	equence listing, a table, program listing appendix	ii. paper									
- Background of	the Invention	c. Statements verifying identity of above copies									
- Brief Summary - Brief Descriptio	of the Invention n of the Drawings ( <i>if filed</i> )		ACCOMPANYING APPLICATION PARTS								
<ul> <li>Detailed Descri</li> </ul>		9.									
<ul><li>Claim(s)</li><li>Abstract of the</li></ul>	Disclosure	10.	37 CFR 3.73(b) Sta (when there is an a		V	Power of Attorney					
4. Drawing(s) (35 U	I.S.C. 113) [Total Sheets 3	11.	(								
5. Oath or Declaration	[ Total Pages 2 ]	12.	12. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations								
a. Newly exect	uted (original or copy)	13.									
b. Copy from a (for continua	pnor application (37 CFR 1.63 (d)) tion/divisional with Box 18 completed)	14.	14. Return Receipt Postcard (MPEP 503) (Should be specifically itemized)								
	ION OF INVENTOR(S) atement attached deleting inventor(s)	15.	15. Certified Copy of Priority Document(s) (if foreign priority is claimed)								
named in t	the prior application, see 37 CFR	16.	16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35								
1.63(d)(2)	and 1.33(b).	1	(b)(2)(B)(i). Application or its equivalent.	ant must a	ıttach i	form PTO/SB/35					
6. Application Data	Sheet. See 37 CFR 1.76	17.	Other:	•••••	•••••						
18. If a CONTINUING APPL	ICATION, check appropriate box, and supp	oly the requ									
or in an Application Data She		.,		•							
Continuation											
Prior application information:	Examiner.		Group Art Unit:			is supplied under					
For CONTINUATION OR DIVISIONAL APPS only: The entire disciosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disciosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.											
	19. CORRESPONDE	NCE ADD	RESS								
Customer Number or Bar Code Label [Insert Customer No. or Altach bar code label here) or Correspondence eddress below											
Name	Hani Z. Sayed										
	MURPHEY & MURPHEY, A.P.C.										
Address	701 Palomar Airport Road, Suite 260										
City	Carlsbad	State	State CA			92009					
Country	US Tele	phone	760-431-0091	Fá	X	760-431-9441					
Name (Print/Type)	Hani Z. Şayeti ,	Regi	stration No. (Attorne	y/Agent)		52,544					
Signature	1 Seuto			Date	09/1	2/2003					

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.



PTO/SB/06 (05-03)

Approved for use through 4/30/2003. OMB 0651-0032

U.S. Patent end Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875								Application or Docket Number Barnard.1514			
CLAIMS AS FILED PART I (Column 1) (Column 2)							SMALL E	ENTITY	OR		R THAN ENTITY
FOR NUMBER FILED NUMBER EXTRA					RATE	FEE		RATE	FEE		
	C FEE CFR 1.16(a))							s 375	OR		\$
TOT	AL CLAIMS CFR 1.16(c))	20	minus 20		0		x <b>s</b> 9 =	-0-	OR	x s=	
INDE	PENDENT CLAIM CFR 1.16(b))		minus 20	+			x \$ 42 =	-0-	OR	x \$=	
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(d))						+s =		OR	+5 =		
* If the difference in column 1 is less than zero, enter "0" in column 2.							TOTAL	375	OR	TOTAL	
		AIMS AS AM									\ <del></del>
	OL.	AIIVIO AO AIVI						OR	OTHER	RTHAN	
		(Column 1) CLAIMS	т т	(Column 2) HIGHEST	(Column 3)		SMALL	ENTITY	J.	SMALL	ENTITY
AMENDMENT A	×.	REMAINING AFTER AMENDMENT		NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA		RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
N N	Total (37 CFR 1.18(c))		Minus 1	14	=		x \$=		OR	× \$=	
ĒN	Independent (37 CFR 1.18(b))	*	Minus '	***	=		x \$=		OR	× \$=	
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))							+\$=		OR	+\$=	
						TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE		
		(Column 1)		(Column 2)	(Column 3)						
NTB		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA		RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
)ME	Total (37 CFR 1.16(c))	*	Minus	h#	=		x \$=		OR	x s=	
AMENDMENT	Independent (37 CFR 1.16(b))	*	Minus	h dr	=		x \$=		OR	x \$=	
Ą	FIRST PRESENT	ATION OF MULTIPL	E DEPENDEN	T CLAIM (37 CF	R 1.16(d))		+\$=		OR	+ \$=	
							TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE	
	(Column 1) (Column 2) (Column 3)										
ENTC		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA		RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
DME	Tota! (37 CFR 1.16(c))	*	Minus	**	2		x \$=		OR	x \$=	
AMENDMEN.	Independent (37 CFR 1.18(b))	*	Minus	***	2		x <b>s</b> =		OR	x \$=	
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))							+ \$=		OR	+ \$=	
							TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE	
1	" If the "Highest I	olumn 1 is less thi Number Previousl Number Previousl	ly Paid For I	N THIS SPACE	Is less than 20,	en	r "3".	the appropria	la baute		

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P. . Box 1450, Alexandrie, VA 22313-1450.

PTO/SB/17 (01-03)

Approved for use through 04/30/2003, OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAI					Compl te if Kn wn								
					Application Number								
l	Filing Date												
for FY 2003					First Named Inventor Timoth			<b>Fimothy</b>	hy L. Barnard				
Effective 01/01/2003. Petent fees are subject to annual revision.					Examiner Name				<del></del>				
Applicant claims small entity status. See 37 CFR 1.27					- Art Unit								
TOTAL AN	MOUNT C	F PAYMENT	(\$) 375.00		Attorney Docket No. Barnard.1514								
METHOD OF PAYMENT (check all that apply)							FEE	CAL	CULAT	TION (con	tinued)		
✓ Check	Credit	card Money	Other None	3. ADDITIONAL FEES									
Deposit	Account:	U Order		Large	Entity	Small	Entity					1	
Deposit		<del></del>	<del></del>	Fee Code		Fee Code	Fee (\$)		Fee D	Description	1	Ean Baid	
Account Number				1051		2051		Surcha	rge - late	filing fee or o	oath	Fee Paid	
Deposit Account				1052	50	2052	25	Surcha	charge - late provisional filing fee or				
Name	L	<del></del>	لـــــــــــــــــــــــــــــــــــــ	1053	130	1053		Non-Fn		cification			
		uthorized to: (check e	ell thet epply) dit any overpayments	•	2,520	1812			-English specification filing a request for ex perte reexamination				
Charge feet	` '		dency of this application	1804	920*	1804				ication of SIF	R prior to		
=		ed below, except for t		6	1,840*	1905			ner action	lication of SIF	2 after		
to the above-ide	• •						1,040		ner action		( allei		
	FE	E CALCULATIO	N	1251		2251	55			ply within firs		11	
1. BASIC FI	LING F	EE		1252		2252	205			ply within se			
Large Entity S Fee Fee 1	mail Enti Fee Fee		Fee Paid	1253		2253	465			ply within this			
	Code (\$)	Tee Description	, ice i aid		1,450	2254	725			ply within for		├	
1001 750	2001 37	5 Utility filing fee	375.00	1	1,970	2255	985	Extens	sion for re	ply within fift	n month	<u> </u>	
1002 330	2002 16	5 Design filing fe		1401		2401	160	Notice	of Appea	al			
1003 520	2003 26	Plant filing fee		1402		2402		-		support of an	appeal		
1004 750	2004 37	5 Reissue filing f	ee	1403		2403			st for oral	-		├	
1005 160	2005 8	Provisional filin	g fee	1	1,510	ı				•	se proceeding	├ <u>-</u>	
SUBTOTAL (1) (\$) 375.00				1452		2452	55	Petition	n to revive	e - unavoidat	ole	<del> </del>	
2 FXTRAC	LI AIM F	FES FOR UTILL	TY AND REISSUE	•	1,300	2453				e - unintentio	nal	<u> </u>	
<b>2. 27.110</b> . (	<b>, , , , , , , , , , , , , , , , , , , </b>		Fee from		1,300	2501				(or reissue)			
Total Claims	20	Extra Cialms $-20^{**} = 0 X$	below Fee Paid	1502		2502		_	n issue fe	6			
Independent	2		42 = 0	1503		2503 1460			issue fee	Commission	o.r	├ <u>}</u>	
Claims Multiple Deper	ndent			1460 1807		1807						<del> </del>	
Large Entity	ı Small E	ntity		1		Į.				under 37 CF			
Fee Fee	Fee	ee Fee Descri	ption	1806		1806		Docom		patent assig	isclosure Stmt nment per		
Code (\$) 1202 18	Code 2202		ess of 20	8021	40	8021	40	proper	ty (times	number of pr	operties)	<u>  </u>	
1202 16	2202		daims in excess of 3	1809	750	2809	375		a submiss R 1.129(	sion after fina (a))	al rejection	{	
1203 280	2203		ndent claim, if not paid	1810	750	2810	375	Forea	ch additio	onal invention			
1204 84	2204	42 ** Reissue inc	dependent claims	100	1 750	2801	375		•	FR 1.129(b)	) mination (RCE)		
1205 18	2205	9 ** Reissue cla	ims in excess of 20	180 1802		1802		Requ	est for ex	pedited exar	• •	}{ <b> </b>	
and over original patent  SUBTOTAL (2) (\$) -0-					of a design application						├── <b>─┤</b>		
		Other fee (specify) *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) -0-					<del></del>						
		ly peid, if greeter; For	Heissues, see above,	<u> </u>	===							للصحص	
SUBMITTED	ВҮ	;;	<del></del>		Poninte	tion N-				(Complete (		<del> `</del>	
Neme (Print/Typ	Neme (Print/Type) Hani Z. Sayed					tion No (Agent)	52	,544		Telephone	760-431-0091		
Signature							Dete	09/12/2003					

WARNING: Information n this form may b come public. Credit card inf rmation should not be included on this form. Pr vide credit card informati n and auth rization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.